

Abstract

The invention relates to a printing device and a method of operating the printing device, it being possible for the following steps to be carried out: printing a calibration print by means of the printing device, the calibration print having a plurality of measuring areas with different colour mixture relationships, spectrophotometric measurement of the measuring areas, producing a colour profile, the spectrophotometric measurement of the measuring areas being carried out at a plurality (N) of measuring times (T_n), producing a colour profile which is extended by a description of the behaviour over time and which comprises a plurality of colour profiles in each case associated with a measuring time, and setting the colour mixture relationships of the printing device on the basis of the colour profile extended by a description of the behaviour over time.

Fig. 1a